Atty. Dkt. No.006869



OMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

	This decl	laration	is	of	the	foll	lowing	type:
--	-----------	----------	----	----	-----	------	--------	-------

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The specification of which:

] is	attached hereto
[X] w	vas filed on 09/11/2003, under Serial No. 10/659,902, executed on even date herewith; or
	Express Mail No. EV 326 953 206 US (as Serial No. not yet known)
aı	nd was amended on (if applicable)
[] w	vas described and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19 on

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

- 1 -

patent o the Unit inventor States o	r invento ed States 's certific	or's certific s of Amer cate or an ca filed by	cate or of any PCT inte rica listed below, and h y PCT international ap	rnational application nave also identified b plication(s) designati	(s) designating pelow any foreiging at least one	any foreign application(s) for at least one country other than gn application(s) for patent or country other than the United re that of the application(s) of
	[X]	No such	applications have been	filed.		
	[]	Such app	plications have been file	ed as follows:		
Α.			CT application(s) filed ms under 35 U.S.C. §1		os. for design)	prior to this application, and
Countr	y/PCT		Application No	<u>Date File</u>	<u>ed</u>	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.		ign appli plication	cation(s), if any, filed ı	more than 12 mos. (6 mos for desig	(n) prior to this
	Country Applica Filing da	tion No:				
			PRIORITY	Y CLAIM (35 U.S.C	C. §120)	
internati subject r provided that is m reasonal	onal app natter of d by the f laterial to ble Exam ccurred b	lication(s each of th irst parago the examiner woul) designating the Unite ne claims of this applica raph of Title 35, United nination of this applicati d consider it important	ed States of America tion is not disclosed I States Code, §112, I ion (namely, informate in deciding whether	a that is/are lis in that/those pri- acknowledge the tion where there to allow the ap	d States application(s) or PCT ted below and, insofar as the or application(s) in the manner he duty to disclose information is substantial likelihood that a pplication to issue as a patent) PCT international filing date of
	[] [X]		applications have been blications have been file			
					Status	
	Serial N 60/410,		Filing Date September 13, 2002	Patented Pending	X Aban	doned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Lawrence Edelman Registration No. 25,226

Raymond Kam-On Kwong Registration No. 37,165

James C. Wilson

Joseph Bach

Registration No. 35,412

Registration No. 37,771

Robert W. Mulcahy

Loretta Peters

William K. Konrad

Registration No. 25,436

Registration No. 43,855

Registration No. 28,868

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061 William K. Konrad Legal Affairs Dept. Phone#

Applied Materials, Inc. 310-553-7970 P. O. Box 450A Santa Clara, CA 95052.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

ruii name of sole or fir	st inventor: Sasson	R. SUMERH
Inventor's signature:		Date:
Residence:	Los Altos Hills, Californi	a
Post Office Address:	25625 Moody Road	
	Los Altos Hills, Californi	a 94022
	U.S.A.	Country of Citizenship: USA
		<u></u>
Full name of second inv	entor: // Marc (o. schweitzer
Inventor's signature:	and In	Date: 03/29/04
Residence: //	San Jose, California	
Post Office Address: V	1780 Cleveland Avenue	
	San Jose, California 951	26
	U.S.A.	Country of Citizenship: USA

Full name of third inve	ntor: John C. EOR	
Inventor's signature: Residence: Post Office Address:	San Francisco, California 465 10 th Street #205 San Francisco, California 94103 U.S.A.	M Date: April 7th 2001 Country of Citizenship: USA
Full name of fourth inv	rentor: Zheng XU	
Inventor's signature: Residence: Post Office Address:	Foster City, California 279 Hudson Bay Street Foster City, California 94404	Date: 4/6/04
	U.S.A.	Country of Citizenship: USA
Full name of fifth inven	Roderick C. A	Date: 4/4/04
Residence: Post Office Address:	Pleasanton, California 4337 Diavila Avenue Pleasanton, California 94588 U.S.A.	Country of Citizenship: USA
Full name of sixth inver	ntor: Barry L. CHI	N
Inventor's signature: Residence: Post Office Address:	Saratoga, California 13174 Cumberland Drive Saratoga, California 95070	Date: 3730104
	U.S.A.	Country of Citizenship: USA
Full name of seventh in	ventor: Howard E. Gl	RUNES
Inventor's signature:		Date:
Residence: Post Office Address:	Santa Cruz, California 237 Trevethan Avenue Santa Cruz, California 95062 U.S.A.	Country of Citizenship: USA
	U.J.A.	Country of Citizenship. OSA

(Declaration ends with this page)



As a below named inventor, I hereby declare that:

Tins deciaration	i is of the following type.
[X] [] []	original divisional continuation continuation-in-part

This declaration is of the following time:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The speci	fication	of which:
[]	is attached hereto
[X]	X]	was filed on 09/11/2003, under Serial No. 10/659,902, executed on even date herewith; or
		[] Express Mail No. EV 326 953 206 US (as Serial No. not yet known)
		and was amended on (if applicable)
[]	was described and claimed in PCT International Application No.
f	iled on	and as amended under PCT Article 19 on

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X]	No such	applications have b	een filed.				
	[]	Such ap	plications have beer	n filed as follo	ws:			
4.			CT application(s) fi ims under 35 U.S.C		2 mos. (6 mos.	for design) p	rior to this appl	ication, and
Count	ry/PCT		Application No	<u>)</u>	Date Filed		Priority Claime	: <u>d</u>
							[] Yes [] 1 [] Yes [] 1 [] Yes [] 1	
В.		eign appl plication	ication(s), if any, fi	led more tha	n 12 mos. (6 m	os for design	n) prior to this	
	Country Applica Filing d	tion No:						
			PRIO	RITY CLAIM	I (35 U.S.C. §1	(20)		
nternat subject provide hat is n easona which o	ional app matter of d by the f naterial to ble Exam	olication(s) Feach of the first paragonerate the examination of the examination of the first section of the examiner would be section of the examination of the exami	t under Title 35, Us) designating the Ushe claims of this appropriate 35, Urnination of this applied consider it imposes the filing date of the	Jnited States of cation is no nited States Co ication (name rtant in decide	of America the disclosed in the de, §112, I ackly, information ing whether to	at is/are listenat/those prioconowledge the where there allow the ap	ed below and, in r application(s) in e duty to disclose is substantial like plication to issue	as of ar as the in the manner information lihood that a as a patent)
	[] [X]		applications have be plications have beer		ows:			
	Serial N	<u>lo</u> .	Filing Date	Paten	ted Pending	Status Aband	oned	
	60/410,		September 13, 200		X		 .	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Lawrence Edelman Registration No. 25,226

Raymond Kam-On Kwong Registration No. 37,165

James C. WilsonRegistration No. 35,412Joseph BachRegistration No. 37,771Robert W. MulcahyRegistration No. 25,436Loretta PetersRegistration No. 43,855William K. KonradRegistration No. 28,868

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061 William K. Konrad

Legal Affairs Dept. Phone#
Applied Materials, Inc. 310-553-7970

P. O. Box 450A Santa Clara, CA 95052.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor: Sasson R. SO	MEKH	
Inventor's signature:		Date:	
Residence:	Los Altos Hills, California		
Post Office Address:	25625 Moody Road		
	Los Altos Hills, California 9402	22	
	U.S.A.	Country of Citizenship: USA	
Full name of second inv	ventor: Marc O. SCF	IWEITZER	
Inventor's signature:		Date:	
Residence:	San Jose, California		_
Post Office Address:	1780 Cleveland Avenue		
	San Jose, California 95126		
_	USA	Country of Citizenship: USA	

Full name of third inver	ntor: John C. FORS	TER
Inventor's signature:		Date:
Residence:	San Francisco, California	
Post Office Address:	465 10 th Street #205	
	San Francisco, California 94103	
	U.S.A.	Country of Citizenship: USA
Full name of fourth inve	entor: Zheng XU	
Inventor's signature:		Date:
Residence:	Foster City, California	-
Post Office Address:	279 Hudson Bay Street	
	Foster City, California 94404	
	U.S.A.	Country of Citizenship: USA
Full name of fifth invent	tor: Roderick C. M	IOSELY
Inventor's signature:		Date:
Residence:	Pleasanton, California	
Post Office Address:	4337 Diavila Avenue	
	Pleasanton, California 94588	
	U.S.A.	Country of Citizenship: USA
Full name of sixth inven	ttor: Barry L. CHII	N .
Inventor's signature:		Date:
Residence:	Saratoga, California	
Post Office Address:	13174 Cumberland Drive	
	Saratoga, California 95070	
	U.S.A.	Country of Citizenship: USA
Full name of seventh in	ventor: Howard E. GF	DIMES
run name of seventi m	rentor. Howard E. Gr	
Inventor's signature:	tenand anno	Date: 3/30/04
Residence:	Santa Cruz, California	, , , , , , , , , , , , , , , , , , , ,
Post Office Address:	237 Trevethan Avenue	
	Santa Cruz, California 95062	
	U.S.A.	Country of Citizenship: USA

(Declaration ends with this page)



Atty. Dkt. No.006869

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

This declaration is of the following type:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"END POINT DETECTION FOR SPUTTERING AND RESPUTTERING"

SPECIFICATION IDENTIFICATION

The specification of which:

[]	is attached hereto			
[X]	was filed on September	11, 2003, under Serial No.	10/659,902, executed on even date	
herewith	ı; or			
	[X] Express Mail No. EV	7 326 953 206 US (as Serial)	No. not yet known)	
	and was amended on	(if applicable	e)	
[]	was described and claimed in PCT International Application No.			
	filed on	and as amended under PCT	Article 19 on	

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign
application(s) for patent or inventor's certificate or of any PCT international application(s) designating at
least one country other than the United States of America listed below, and have also identified below
any foreign application(s) for patent or inventor's certificate or any PCT international application(s)
designating at least one country other than the United States of America filed by me on the same subject
matter having a filing date before that of the application(s) of which priority is claimed.

	[X] No	such applications have bee	n filed.	•	
	[] Suc	h applications have been fi	led as follows:		
Α.		gn/PCT application(s) fi and any priority claims u			for design) prior to this
Count	try/PCT_	Application No	<u>Da</u>	ate Filed	Priority Claimed
		·			[] Yes [] No [] Yes [] No [] Yes [] No
В.	All foreign a	application(s), if any, filed	l more than 12	mos. (6 mos for	design) prior to this
	Country: Application Filing date:	No:			
		PRIORIT	TY CLAIM (35	U.S.C. §120)	
PCT in insofar applica acknow (namely importa	ternational app as the subject tion(s) in the vledge the dut y, information ant in deciding	plication(s) designating the matter of each of the claim	e United States ims of this appli first paragraph that is material likelihood that lication to issue	of America that ication is not dis of Title 35, Un al to the examir a reasonable Ex- as a patent) whi	closed in that/those prior ited States Code, §112, I nation of this application aminer would consider it ch occurred between the
		such applications have bee h applications have been fi		·	
				Statı	1S
	Serial No. 60/410.843	Filing Date September 13, 2002	Patented	Pending X	Abandoned
	UU/41U.043	Sedicillier 13, 2002		A.	

POWER OF ATTORNEY

. I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Peter J. Sgarbossa Registration No. 25,610 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Registration No. 37,771 Joseph Bach Robert W. Mulcahy Registration No. 25,436 Loretta Peters Registration No. 43,855 William K. Konrad Registration No. 28,868

Send correspondence to:

Direct telephone calls to:

William K. Konrad

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A

Phone#

Full name of sole or first inventor:

310-553-7970

Santa Clara, CA 95052.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Sasson R. SOMEKH

Inventor's signature:	SanSon	Date: 4 4 04		
Residence:	Los Altos Hills, California			
Post Office Address:				
	Los Altos Hills, California 94022			
	U.S.A.	Country of Citizenship: USA		
Full name of second in	ventor: Marc O. SCI	HWEITZER		
Inventor's signature:		Date:		
Residence:	San Jose, California			
Post Office Address:	1780 Cleveland Avenue			
	San Jose, California 95126			
	U.S.A.	Country of Citizenship: USA		

Full name of third inve	ntor: John C. FOR	John C. FORSTER		
Inventor's signature:	•	Date:		
Residence:	San Francisco, California			
Post Office Address:	465 10 th Street #205	•		
	San Francisco, California 9410	3		
	U.S.A.	Country of Citizenship: USA		
Full name of fourth inv	rentor: Zheng XU			
Toronto do altro de como	· · · · · · · · · · · · · · · · · · ·	Deter		
Inventor's signature:		Date:		
Residence:	Foster City, California			
Post Office Address:	279 Hudson Bay Street	•		
	Foster City, California 94404	Company of Children and the TIGA		
	U.S.A.	Country of Citizenship: USA		
Full name of fifth inven	ntor: Roderick C. I	MOSLEY		
Inventor's signature:		Date:		
Residence:	Pleasanton, California			
Post Office Address:	4337 Diavila Avenue			
	Pleasanton, California 94588	•		
	U.S.A.	Country of Citizenship: USA		
Full name of sixth inver	ntor: Barry L. CH	IN		
- WW				
Inventor's signature:		Date:		
Residence:	Saratoga, California			
Post Office Address:	13174 Cumberland Drive			
•	Saratoga, California 95070			
	U.S.A.	Country of Citizenship: USA		
Full name of seventh in	ventor: Howard E. G	RUNES		
Inventor's signature:		Date:		
Residence:	Santa Cruz, California			
Post Office Address:	237 Trevethan Avenue			
	Santa Cruz, California 95062			
	U.S.A.	Country of Citizenship: USA		

(Declaration ends with this page)